

DELIVERY

Availability of prototypes is tentatively set for March '74; availability of production units is tentatively set for June '74.

FIELD SERVICE

No field service will be offered. Defective modules must be returned to depot or to factory for repair.

WARRANTY

Modules are warranted for 90 days.

FURTHER INFORMATION

For further information, contact Logic Products Group, Sales Support, on Maynard extension 2785.

PRODUCT PROMOTION and SUPPORT PLAN*

Announcement to Sales Force (mailing) ----- week of 3 December 1973

Trade Press Announcements

ELECTRONIC NEWS ----- week of 22 February 1974
COMPUTER WORLD ----- " " " " "
EDP DAILY ----- " " " " "

Article Publications

IEEE SPECTRUM (design article) ----- issue of March 1974
COMPUTER DESIGN (survey article) ----- " " April 1974
DIGITAL DESIGN (product article) ----- issue of March/April 1974

Direct Mail Campaign

PDP-8 User List ----- 11 February 1974
Logic Products Users ----- " " "
General Mailing (TIDS) ----- 11 March 1974

Documentation

Preliminary Hardware Users' Reference Manual -- 28 February 1974
Preliminary Software Users' Reference Manual -- " " "
Preliminary Data Sheets ----- 28 March 1974
Final Users' Reference Manual (Hardware &
Software) ----- 31 May 1974
Final Data Sheets ----- " " "

Trade Shows

IEEE, New York ----- 26-29 March 1974
National Computer Conference, Chicago ----- 6-9 May 1974
WESCON, Los Angeles ----- September 1974

LPS Training ----- January 1974

Space Advertising (magazines to be defined)----- May/June 1974

*Subject to schedule changes

COMPETITION

The following pages give a quick look at readily identifiable competition for the MPS10. We have tried only to examine competitive products that could be considered as truly modular.

The competitive matrix tries to encompass such areas as technology, physical arrangement, software/programming, and price. A valid price comparison proved extremely difficult to achieve because individual competitive equipment offerings vary widely according to the vendor. The "typical configuration" used for comparison purposes comprises the following pieces of equipment:

- 1 CPU Module
- 1 1K x 8 RAM memory module
- 1 Backplane (system unit, card rack, et al)
- 1 External Event Detection Module

The prices are predicated on an OEM discount basis and are estimated due to lack of full pricing and discount structure information at this point in time.

Types of product available

Grossly speaking, three basic types of microprocessor organizations have appeared on the market to date:

1. 4-bit, fixed instruction set, serial machines
(Intel MCS-4, Fairchild PPS-25)
2. 8-bit, fixed instruction set, parallel machines
(Intel 8008 and 8080, Intersil*, Motorola*)
3. 8-bit, or wider, microprogrammed machines
(National IMP16 series; AMI CT7300)

*Not announced as of this date

QUICK LOOK AT COMPETITION

4-Bit Machines

Alden Self-Transit	StaRRcom
PROLOG Corp.	PLS-403
Comstar Corp.	Star System 4
Allied Computing Technology	CBC-4N

8-Bit Machines

Allied Computing Technology	CBC-8N
Automatic Electronic Systems	AES-80
Computer Electronics Limited	CE-5000
R2E	Micral
Control Logic Corporation	L-500 Series
Intel	Sim 8 Series

16-Bit Machines

National Semiconductor Corporation	IMP16-C
Computer Automation	Naked Mini/LSI
General Automation	LSI 12/16
American Micro Systems	7300

	MODULE	CHIP	TTL	MOS	# of Bits	# of Instructions	Micro-Programmed Max. Memory Addressing Instr. Cycle Time in μ s	CARD RACK	CABINET	CONSOLE	PWR. SUP.
Logic Products PM Module	●			●	8	48	16K 12.5	●		●	●
Pro-Log Corp. PLS 403	●			●	4	46	10K 11	●			●
Comstar Star System 4	●			●	4	46	10K 11	●		●	●
Appl. Comp. Tech. CBC4-N	●			●	4	46	10K 11				
Control Logic L500	●			●	8	48	16K 12.5	●			●
Intel SIM-8	●	●		●	8	48	16K 12.5	●	●	●	
Varitel MC-80	●			●	8	48	16K 12.5				
Auto. Elect. Sys. AES-80	●		●		8	92	● 16K 0.2	●		●	●
CEL (UK) CE5000	●			●	8	48	16K 12.5	●	●	●	
R2E (France) Micral	●			●	8	48	16K 12.5	●			●
Alden Self-Transit staRRcom	●			●	8	48	64K 12.5	●	●	●	●
Amer. Microsys. 7300		●		●	8		● 512 4.0				
Natl. Semicon. IMP-16C	●	●		●	16	42	● 64K 1.5			●	

	ASSEMBLER	EDITOR	DIAGNOSTICS	UTILITY PROGRAMS	ON-LINE	PROG. PREP.	OFF-LINE PROG. PREP.	\$700-\$800	\$800-\$1,000	\$1,000-\$1,500
Logic Products PM Module	●	●	●			●	●			
Pro-Log Corp. PLS 403						●		●		
Comstar Star System 4		●	●	●		●		●		
Appl. Comp. Tech. CBC4-N						●	●			
Control Logic L500	●	●	●	●		●		●		
Intel SIM-8	●	●	●	●		●			●	
Varitel MC-80						●		●		
Auto. Elect. Sys. AES-80	●	●				●			●	
CEL (UK) CE5000	●	●	●	●		●			●	
R2E (France) Micral	●					●			●	
Alden Self-Transit staRRcom				●		●				
Amer. Microsys. 7300						●				
Natl. Semicon. IMP-16C						●	●			